FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

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March 25, 1999
172-01

Wendy Liu
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

GROUNDWATER MONITORING WELL SAMPLING
FIRST QUARTER 1999
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Dear Ms. Liu

This letter presents the results of groundwater sampling activities for the first quarter of 1999 at the site of the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On March 3, 1999, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for halogenated volatile organic compounds in general accordance with EPA Method No. 8021. Groundwater samples were also analyzed for total chromium and cadmium in general accordance with EPA Method No. 200.7 and for hexavalent chromium in general accordance with EPA Method No. 3500.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 140 micrograms per liter (ug/L) and 190 ug/L, respectively, in the water sample collected from well MW1. No other compounds analyzed as part of EPA Method No. 8021 were detected in the groundwater sample collected from MW1. Chromium was detected at a concentration of 19 ug/L in the water sample collected from well MW1.

- PCE , TCE and cis-1,2-Dichloroethane (cis-1,2-DCE) were detected at concentrations of 6.5 ug/L, 130 ug/L and 13 ug/L, respectively, in the groundwater sample collected from well MW2. No other compounds analyzed as part of EPA Method No. 8021 were detected in the groundwater sample collected from MW2. Chromium was detected at a concentration of 33 ug/L in the water sample collected from well MW2.

- PCE , TCE and cis-1,2-DCE were detected at concentrations of 5.1 ug/L, 100 ug/L and 6.4 ug/L, respectively, in the groundwater sample collected from well MW3. No other compounds analyzed as part of EPA Method No. 8021 were detected in the groundwater sample collected from MW3. Chromium was detected at a concentration of 68 ug/L in the water sample collected from well MW3.

- Hexavalent chromium and cadmium were not detected above the laboratory detection limits of 20 ug/L and 4 ug/L, respectively, in groundwater samples MW1, MW2 or MW3.

- The direction of groundwater flow was toward the southwest at an estimated gradient of 0.0005 feet per foot on March 3, 1999. A site sketch showing groundwater elevations and estimated groundwater flow direction on March 3, 1999 is presented on Figure 2.

- Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

Sincerely,
FREY Environmental, Inc.

REGISTERED ENGINEERING GEOLOGIST
JOSEPH W. FREY
No. 1500
Exp. 9/31/2000
STATE OF CALIFORNIA

Joe Frey
Principal Certified
Engineering Geologist
CEG #1500

Evan Privett
Senior Project Geologist

Enclosures:

Figure 1 - Location Map
Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on March 3, 1999.
Appendix A - Field Procedures
Appendix B- Laboratory Results

cc: Mr. Howard Kay
The Kay Companies
475 Seventeenth Street
Suite 940
Denver, CO 80202

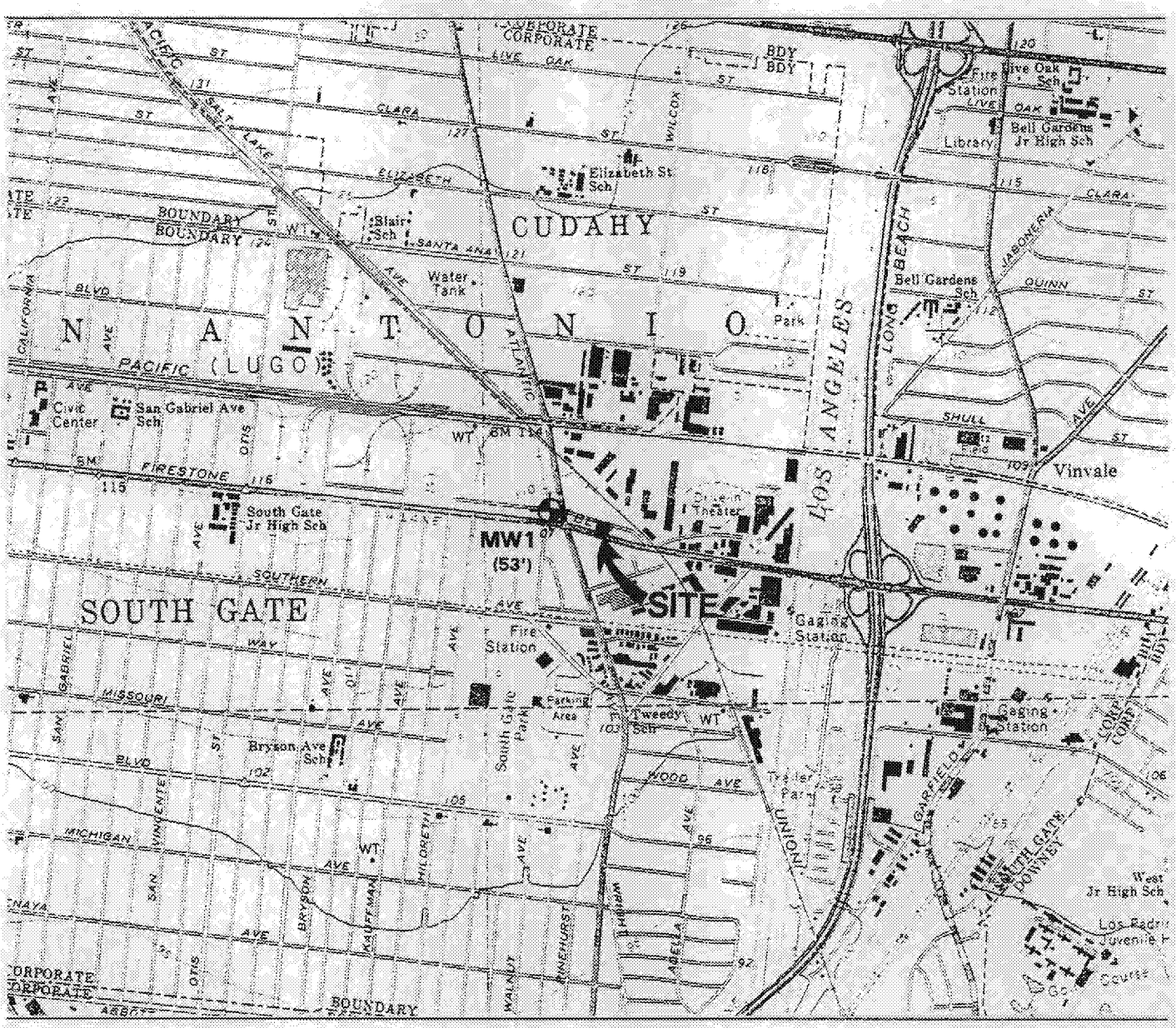
TABLE

TABLE 1
GROUNDWATER LEVELS AND CHEMICAL ANALYSES
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Well No.	Well Elevation (ft-msl)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	1,1-DCE ug/l (ppb)	Chromium ug/l (ppb)	Chromium IV ug/l (ppb)	Cadmium ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	<1.0	NA	NA	NA
			03/03/99	40.71	68.69	140	190	<10.0	<16.0	19	<20	<4
MW2	109.45	30-55	12/07/98	41.68	67.77	11	77	16	<1.0	NA	NA	NA
			03/03/99	40.81	68.64	6.5	130	13	<4.0	33	<20	<4
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	1.7	NA	NA	NA
			03/03/99	40.94	68.67	5.1	100	6.4	<4.0	68	<20	<4
DTSC MCLs						5	5	6	6	50	NA	5

Notes
1) Well elevation recorded at top of casing
2) PCE = Tetrachloroethene
3) TCE = Trichloroethene
4) 1,2-DBE = 1,2 Dibromoethane
5) cis 1,2-DCE = cis 1,2 Dichloroethene
6) 1,1-DCE = 1,1 Dichloroethene
7) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards.
8) NA - Not applicable

FIGURES



EXPLANATION

- ⌖ Groundwater well UNOCAL property
- **MW1** Well number
- **(53')** Depth to groundwater in feet MSL (1994)

NORTH

0 1/2 1

SCALE IN MILES

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

NOTES:

1) All locations and dimensions are approximate.
2) Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.
3) Groundwater well data from FUGRO West, Inc., project no. 94-48-1320.

Client: TEDESCO LEASING **Project No.:** 172-01

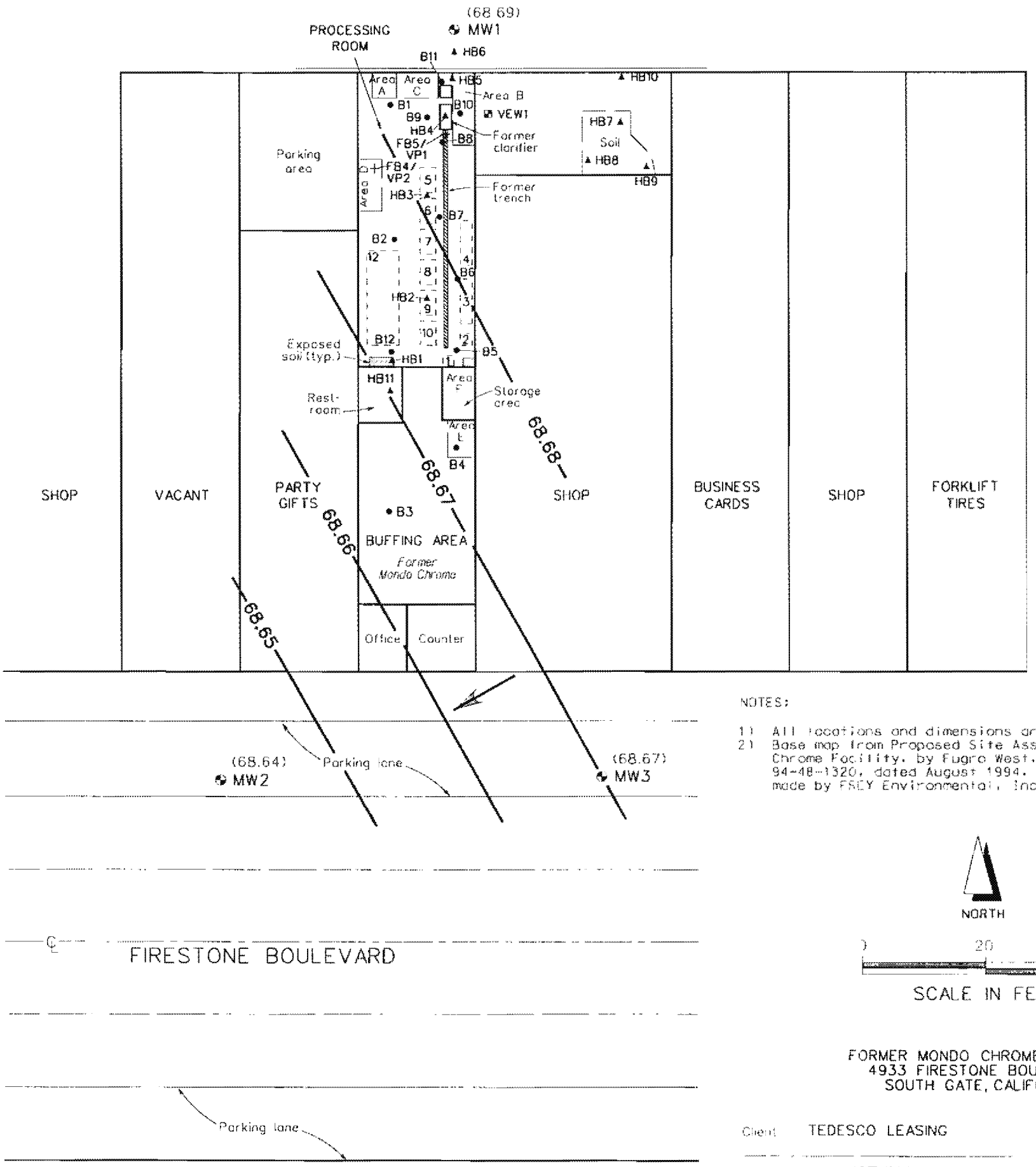
FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

Date: JANUARY 1996 **Figure:** 1

EXPLANATION

▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
■ VEW1	VAPOR EXTRACTION WELL LOCATION
+ FB4/ VP2	SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
◓ MW3	GROUNDWATER MONITORING WELL LOCATION
(68.67)	With groundwater elevation in feet MSL, on March 3, 1999
68.67	CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on March 3, 1999
→	ESTIMATED GROUNDWATER FLOW DIRECTION



NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.

NORTH

0 20 40

SCALE IN FEET

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER ELEVATIONS AND ESTIMATED GROUNDWATER FLOW DIRECTION ON MARCH 3, 1999

Date: MARCH 1999 Figure: 2

172-01-2a.DWN

APPENDIX A
FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

1. The water level, and depth to the bottom of the well in each well, was recorded using a conductance probe prior to well purging. A clear bailer sample was taken and visually inspected for turbidity and the presence of free product.

2. The groundwater monitoring wells were purged of at least three well volumes using a submersible pump.

3. The well was allowed to recover to at least 80 percent of its original well volume prior to sampling.

4. The ground water samples were collected using a stainless steel bailer held by dedicated nylon line.

5. All items entering the well; tapes, conductance probe, bailers were cleaned prior to use and between sampling periods.

6. Groundwater collected from each monitoring well was placed into EPA approved, zero head space, 40 milliliters (mL) vials, 250 mL and 500 mL containers.

7. Each sample was labeled.

8. The samples were placed in a bag, and into an ice chest, and cooled following collection.

9. The samples were delivered to the laboratory directly after collection. Sample handling, transport, and delivery to the laboratory were documented using chain of custody procedures and appropriate Chain-of-Custody forms.

SITE NAME Foxworthy Monaco DATE 3-2-99

JOB NO. 172-01 SAMPLING PERSONNEL Vicente Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW 1	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.71	54.50	13.79

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond.	Turbidity	COMMENTS
12:02							Start pump
12:03	01	2	7.06	74.2	1,430		dirty water
12:04	02	4	6.97	73.4	1,350		dirty water
12:06	04	8	6.83	72.1	1,220		dirty water
12:06		8					Stop pump
12:29			7.04	69.8	1,460	dirty	Sample
TOTAL GALLONS PURGED		8.00					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
41.09	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	Hydac #5
Turbidity Meter	"
Pump (Dia./Type)	3" Pump
Water Level Meter	Solinst
Bailer (Dia.x length)	1.5x36

SAMPLE NUMBER	# BOTTLES
MW1-W1 VOAs	3
MW1-W2 500 mL plastic	1
MW1-W3 250 mL plastic	1

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (13.79 Ft) x (0.16) = 2.20 Gallons

3 Well Volumes = 6.61 Gallons

SITE NAME Former mondo DATE 3-2-99

JOB NO. 172-01 SAMPLING PERSONNEL Vidkin Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW 2	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.81	53.20	12.39

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond.	Turbidity	COMMENTS
10:06							Start pump
10:07	01	2	6.85	69.8	2,210		dirty water
10:08	02	4	6.79	71.6	2,180		dirty water
10:09	03	6	6.67	72.1	2,310		dirty water
10:09		6					Stop pump
11:26			6.91	73.1	2,490	dirty	Sample
TOTAL GALLONS PURGED		6.00					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
41.15	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	Hydack #5
Turbidity Meter	
Pump (Dia./Type)	2" pump #1
Water Level Meter	Solinst #1
Bailer (Dia.x length)	1.5X36" #1

SAMPLE NUMBER	# BOTTLES
MW2-MW1 VOAs	3
MW1-W2 500 mL plastic	
MW1-W3 250 mL plastic	

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.39 Ft) x (0.16) = 1.98 Gallons

3 Well Volumes = 5.94 Gallons

SITE NAME Farmer Mondo

DATE 3-2-99

JOB NO. 172-01

SAMPLING PERSONNEL Vilelia Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW 3	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.94	53.46	12.52

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond.	Turbidity	COMMENTS
9:36							Start pump
9:37	01	2	8.23	70.7	1,990		dirty water
9:39	03	6	6.77	72.1	2,340		dirty water
9:30	04	8	6.75	72.5	2,460		dirty water
9:30		8					Stop pump
11:09			6.90	72.6	2,670	dirt	sample
TOTAL GALLONS PURGED		8.00					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
41.20	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	Hydack #5
Turbidity Meter	
Pump (Dia./Type)	2" pump #1
Water Level Meter	Solinst #1
Bailer (Dia.x length)	1.5X36" #1

SAMPLE NUMBER	# BOTTLES
MW3-MW1 VOAs	3
MW3-W2 500ml plastic	1
MW3-W3-250 ml plastic	1

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.52 Ft) x (0.16) = 2.00 Gallons

3 Well Volumes = 6.00 Gallons

APPENDIX B

LABORATORY RESULTS

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Frey Environmental, Inc. (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 34239
REPORTED 3/16/99
RECEIVED 3/ 3/99

PROJECT Mondo Chrome

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
109881	MW1
109882	MW2
109883	MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 109881 **Client:** Frey Environmental, Inc.

Matrix: WATER **Client Sample ID:** MW1

Date Sampled: 3/ 3/99

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	3/ 8/99	MT
Chromium	0.019	1	0.003	mg/L	3/ 8/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	3/ 3/99	LN
8021 Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	20	10.0	ug/L	3/10/99	DC
1,1,2,2-Tetrachloroethane	ND	20	10.0	ug/L	3/10/99	DC
1,1,2-Trichloroethane	ND	20	10.0	ug/L	3/10/99	DC
1,1-Dichloroethane	ND	20	16.0	ug/L	3/10/99	DC
1,1-Dichloroethene	ND	20	16.0	ug/L	3/10/99	DC
1,2-Dibromoethane	ND	20	20.0	ug/L	3/10/99	DC
1,2-Dichlorobenzene	ND	20	20.0	ug/L	3/10/99	DC
1,2-Dichloroethane	ND	20	10.0	ug/L	3/10/99	DC
1,2-Dichloropropane	ND	20	10.0	ug/L	3/10/99	DC
1,3-Dichlorobenzene	ND	20	40.0	ug/L	3/10/99	DC
1,4-Dichlorobenzene	ND	20	20.0	ug/L	3/10/99	DC
2-Chloroethylvinyl ether	ND	20	14.0	ug/L	3/10/99	DC
Bromoform	ND	20	10.0	ug/L	3/10/99	DC
Bromomethane	ND	20	20.0	ug/L	3/10/99	DC
Carbon tetrachloride	ND	20	14.0	ug/L	3/10/99	DC
Chlorobenzene	ND	20	20.0	ug/L	3/10/99	DC
Chloroethane	ND	20	10.0	ug/L	3/10/99	DC
Chloroform	ND	20	10.0	ug/L	3/10/99	DC
Chloromethane	ND	20	20.0	ug/L	3/10/99	DC
Dibromochloromethane	ND	20	10.0	ug/L	3/10/99	DC
Dichlorobromomethane	ND	20	10.0	ug/L	3/10/99	DC
Dichlorodifluoromethane	ND	20	40.0	ug/L	3/10/99	DC
Methylene Chloride	ND	20	20.0	ug/L	3/10/99	DC
Tetrachloroethene	140	20	10.0	ug/L	3/10/99	DC
Trichloroethene	190	20	12.0	ug/L	3/10/99	DC
Trichlorofluoromethane	ND	20	10.0	ug/L	3/10/99	DC
Vinyl chloride	ND	20	20.0	ug/L	3/10/99	DC
cis-1,2-Dichloroethene	ND	20	10.0	ug/L	3/10/99	DC
cis-1,3-Dichloropropene	ND	20	30.0	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 109881
Matrix: WATER
Date Sampled: 3/ 3/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021 Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	20	16.0	ug/L	3/10/99	DC
trans-1,3-Dichloropropene	ND	20	30.0	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 109882
Matrix: WATER
Date Sampled: 3/ 3/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW2

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	3/ 8/99	MT
Chromium	0.033	1	0.003	mg/L	3/ 8/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	3/ 3/99	LN
8021 Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1,2,2-Tetrachloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1,2-Trichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1-Dichloroethane	ND	5	4.0	ug/L	3/10/99	DC
1,1-Dichloroethene	ND	5	4.0	ug/L	3/10/99	DC
1,2-Dibromoethane	ND	5	5.0	ug/L	3/10/99	DC
1,2-Dichlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
1,2-Dichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,2-Dichloropropane	ND	5	2.5	ug/L	3/10/99	DC
1,3-Dichlorobenzene	ND	5	10.0	ug/L	3/10/99	DC
1,4-Dichlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
2-Chloroethylvinyl ether	ND	5	3.5	ug/L	3/10/99	DC
Bromoform	ND	5	2.5	ug/L	3/10/99	DC
Bromomethane	ND	5	5.0	ug/L	3/10/99	DC
Carbon tetrachloride	ND	5	3.5	ug/L	3/10/99	DC
Chlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
Chloroethane	ND	5	2.5	ug/L	3/10/99	DC
Chloroform	ND	5	2.5	ug/L	3/10/99	DC
Chloromethane	ND	5	5.0	ug/L	3/10/99	DC
Dibromochloromethane	ND	5	2.5	ug/L	3/10/99	DC
Dichlorobromomethane	ND	5	2.5	ug/L	3/10/99	DC
Dichlorodifluoromethane	ND	5	10.0	ug/L	3/10/99	DC
Methylene Chloride	ND	5	5.0	ug/L	3/10/99	DC
Tetrachloroethene	6.5	5	2.5	ug/L	3/10/99	DC
Trichloroethene	130	5	3.0	ug/L	3/10/99	DC
Trichlorofluoromethane	ND	5	2.5	ug/L	3/10/99	DC
Vinyl chloride	ND	5	5.0	ug/L	3/10/99	DC
cis-1,2-Dichloroethene	13	5	2.5	ug/L	3/10/99	DC
cis-1,3-Dichloropropene	ND	5	7.5	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 109882
Matrix: WATER
Date Sampled: 3/ 3/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW2

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021 Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	5	4.0	ug/L	3/10/99	DC
trans-1,3-Dichloropropene	ND	5	7.5	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 109883
Matrix: WATER
Date Sampled: 3/ 3/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW3

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	3/ 8/99	MT
Chromium	0.068	1	0.003	mg/L	3/ 8/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	3/ 3/99	LN
8021 Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1,2,2-Tetrachloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1,2-Trichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,1-Dichloroethane	ND	5	4.0	ug/L	3/10/99	DC
1,1-Dichloroethene	ND	5	4.0	ug/L	3/10/99	DC
1,2-Dibromoethane	ND	5	5.0	ug/L	3/10/99	DC
1,2-Dichlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
1,2-Dichloroethane	ND	5	2.5	ug/L	3/10/99	DC
1,2-Dichloropropane	ND	5	2.5	ug/L	3/10/99	DC
1,3-Dichlorobenzene	ND	5	10.0	ug/L	3/10/99	DC
1,4-Dichlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
2-Chloroethylvinyl ether	ND	5	3.5	ug/L	3/10/99	DC
Bromoform	ND	5	2.5	ug/L	3/10/99	DC
Bromomethane	ND	5	5.0	ug/L	3/10/99	DC
Carbon tetrachloride	ND	5	3.5	ug/L	3/10/99	DC
Chlorobenzene	ND	5	5.0	ug/L	3/10/99	DC
Chloroethane	ND	5	2.5	ug/L	3/10/99	DC
Chloroform	ND	5	2.5	ug/L	3/10/99	DC
Chloromethane	ND	5	5.0	ug/L	3/10/99	DC
Dibromochloromethane	ND	5	2.5	ug/L	3/10/99	DC
Dichlorobromomethane	ND	5	2.5	ug/L	3/10/99	DC
Dichlorodifluoromethane	ND	5	10.0	ug/L	3/10/99	DC
Methylene Chloride	ND	5	5.0	ug/L	3/10/99	DC
Tetrachloroethene	5.1	5	2.5	ug/L	3/10/99	DC
Trichloroethene	100	5	3.0	ug/L	3/10/99	DC
Trichlorofluoromethane	ND	5	2.5	ug/L	3/10/99	DC
Vinyl chloride	ND	5	5.0	ug/L	3/10/99	DC
cis-1,2-Dichloroethene	6.4	5	2.5	ug/L	3/10/99	DC
cis-1,3-Dichloropropene	ND	5	7.5	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 109883
Matrix: WATER
Date Sampled: 3/ 3/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW3

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021 Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	5	4.0	ug/L	3/10/99	DC
trans-1,3-Dichloropropene	ND	5	7.5	ug/L	3/10/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM - INORGANICS

QC Sample: LR 34239

Matrix: WATER

Prep. Date: 03/03/99

Analysis Date: 03/03/99

ID#'s in Batch: LR 34239, 34231

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Cr+6	3500Cr D	0.02	U	1.00	0.97	1.00	97.0	100.0	3.0

%REC LIMITS = 70 - 130
RPD LIMITS = 30

ND = "U" - Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLANK		LCS				
Value	ND	Result	True	%Rec	L.Limit	H.Limit
0.02	U	0.47	0.50	94.0	80%	120%

Value = Preparation Blank Value; ND = "U" for Not-Detected
LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES
QA REPORT FORM - ORGANICS

QC Sample: LFB030899

Matrix: WATER

Prep. Date: 03/08/99

Analysis Date: 03/08/99

Lab ID#'s in Batch : LR 34193, 34268, 34267, 34194, 34149, 34159, 34269, 34150, 34272, 34270, 34414, 34279, 34231, 34242, 34239

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = ug/L

COMPOUND	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spk. Dup	%REC MS	%REC MSD	% RPD	PREP. Blank
1,1-Dichloroethane	8021	0.0	U	10	10.128	8.924	101.3	89.2	13	ND
Chloroform	8021	0.0	U	10	12.064	11.762	120.6	117.6	3	ND
1,2-Dichloropropane	8021	0.0	U	10	10.270	9.688	102.7	96.9	6	ND
cis-1,3-Dichloropropene	8021	0.0	U	10	9.874	8.554	98.7	85.5	14	ND
trans-1,3-Dichloropropene	8021	0.0	U	10	10.182	8.688	101.8	86.9	16	ND
cis-1,2-Dichloroethene	8021	0.0	U	10	10.428	9.538	104.3	95.4	9	ND
trans-1,2-Dichloroethene	8021	0.0	U	10	10.890	9.078	108.9	90.8	18	ND
1,1,1-Trichloroethane	8021	0.0	U	10	9.654	9.428	96.5	94.3	2	ND
Trichloroethene	8021	0.0	U	10	11.376	10.646	113.8	106.5	7	ND
Tetrachloroethene	8021	0.0	U	10	10.750	10.556	107.5	105.6	2	ND
1,1,2-Trichloroethane	8021	0.0	U	10	11.780	10.834	117.8	108.3	8	ND
Carbon tetrachloride	8021	0.0	U	10	10.984	10.586	109.8	105.9	4	ND
Chlorobenzene	8021	0.0	U	10	11.646	11.242	116.5	112.4	4	ND
Benzene	8021	0.0	U	10	11.008	9.736	110.1	97.4	12	ND
Toluene	8021	0.0	U	10	10.802	9.524	108.0	95.2	13	ND
1,3-Dichlorobenzene	8021	0.0	U	10	10.651	9.568	106.5	95.7	11	ND
1,4-Dichlorobenzene	8021	0.0	U	10	10.289	9.293	102.9	92.9	10	ND
1,2-Dichlorobenzene	8021	0.0	U	10	11.523	10.868	115.2	108.7	6	ND

ND = "U" for Not - Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike and Matrix Spike Duplicate

%REC LIMITS = 65 - 135
RPD LIMITS = 35

ASSOCIATED LABORATORIES
LCS RECOVERY

Method: 8021

Matrix: WATER

Prep. Date: 03/08/99

Analysis Date: 03/08/99

Lab. Number : LR 34193, 34268, 34267, 34194, 34149, 34159, 34269, 34150, 34272, 34270, 34414, 34279, 34231, 34242, 34239

REPORTING UNITS = ug/L

COMPOUND	Recovered	True Value	LIMITS
1,1, 2-Trichloroethane	8.9	10.0	8 - 12
1,1-Dichloroethane	8.6	10.0	8 - 12
Tetrachloroethene	10.5	10.0	8 - 12
Trichloroethene	10.4	10.0	8 - 12
Benzene	11.0	10.0	8 - 12
Toluene	10.9	10.0	8 - 12
1,3-Dichlorobenzene	10.1	10.0	8 - 12
1,4-Dichlorobenzene	9.9	10.0	8 - 12
1,2-Dichlorobenzene	10.8	10.0	8 - 12

ASSOCIATED LABORATORIES

QA REPORT FORM (MS/MSD)

QC Sample: LR34224 - 109848

Matrix: WATER

Prep. Date: 03/05/99

Analysis Date: 03/08/99

Lab ID#'s in Batch: LR 34239, 33598, 33648, 33699, 33647, 34265, 34318, 34330, 33599, 34266

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Arsenic	200.7	0.003	U	0.10	0.082	0.084	82.0	84.0	2.4
Selenium	200.7	0.004	U	0.10	0.080	0.084	80.0	84.0	4.9
Thallium	200.7	0.003	U	0.10	0.084	0.082	84.0	82.0	2.4
Lead	200.7	0.003		0.20	0.175	0.174	86.0	85.5	0.6
Antimony	200.7	0.030	U	1.25	1.26	1.29	100.0	103.2	3.1
Aluminum	200.7	0.052	U	1.25	1.23	1.28	98.4	102.4	4.0
Barium	200.7	0.065		1.25	1.30	1.33	98.8	101.2	2.3
Beryllium	200.7	0.001	U	1.25	1.24	1.26	99.2	100.8	1.6
Boron	200.7	0.170		1.25	1.32	1.33	92.0	92.8	0.8
Cadmium	200.7	0.004	U	1.25	1.25	1.27	100.0	101.6	1.6
Chromium	200.7	0.003	U	1.25	1.24	1.25	99.2	100.0	0.8
Cobalt	200.7	0.005	U	1.25	1.26	1.28	100.8	102.4	1.6
Copper	200.7	0.004	U	1.25	1.23	1.26	98.4	100.8	2.4
Iron	200.7	2.100		1.25	3.12	3.14	81.6	83.2	0.6
Manganese	200.7	0.098		1.25	1.34	1.36	99.4	101.0	1.5
Molybdenum	200.7	0.010	U	1.25	1.27	1.30	101.6	104.0	2.3
Nickel	200.7	0.008	U	1.25	1.24	1.25	99.2	100.0	0.8
Vanadium	200.7	0.005	U	1.25	1.24	1.26	99.2	100.8	1.6
Zinc	200.7	0.023		1.25	1.28	1.30	100.6	102.2	1.6
Silver	200.7	0.005	U	0.50	0.449	0.465	89.8	93.0	3.5

ND = "U" - Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS = 75 - 125
RPD LIMITS = 20

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • FAX: (714) 538-1209

34239

CHAIN OF CUSTODY RECORD

Date 3-3-99 Page 1 of 1

CLIENT FREY ENVIRONMENTAL INC
ADDRESS 2817 A LAFAYETTE AVE.
NEWPORT BEACH, CA 92663
PROJECT NAME MONDO CHROME

PROJECT MANAGER EVAN PRIVETT
PHONE NUMBER 949-723-1645
SAMPLERS: (Signature)

Samples Intact Yes ___ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ___ 24 Hr. ___
Regular X 48 Hr. ___

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM	TESTS REQUIRED
MW1-W1	VOAs	3-3-99		X			3		EPA 8010
MW1-W2	500 mL PLASTIC						1		HEX. CHROMIUM
MW1-W3	250 mL PLASTIC						1		CHROMIUM & CADMIUM
MW2-W1	VOAS						3		EPA 8010
MW2-W2	500 mL PLASTIC						1		HEX. CHROMIUM
MW2-W3	250 mL PLASTIC						1		CHROMIUM & CADMIUM
MW3-W1	VOA'S						3		EPA 8010
MW3-W2	500 mL PLASTIC						1		HEX. CHROMIUM
MW3-W3	250 mL PLASTIC						1		CHROMIUM & CADMIUM

Relinquished by: (Signature) Pablo Romero
Received by: (Signature) Robert Vargas
Date/Time 3-3-99

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

Special Instructions:

I hereby authorize the performance of the above indicated work.

Pablo Romero

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier